

GRACE-II Small Satellite Study

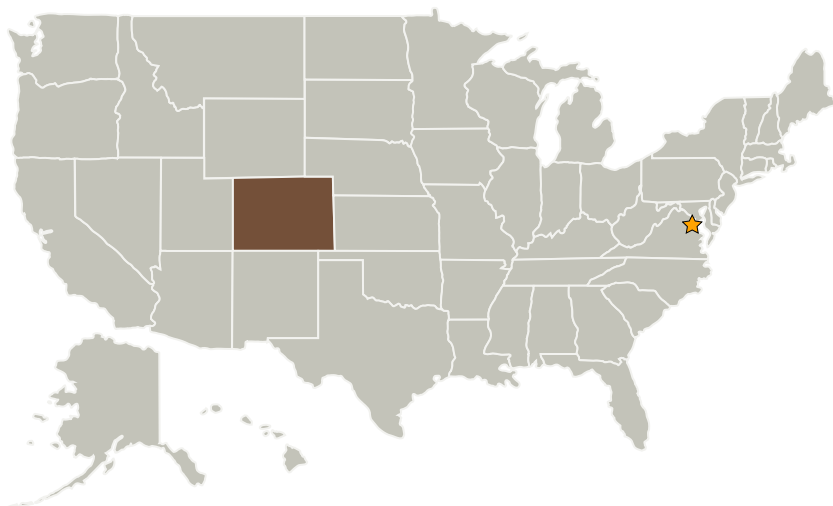
Completed Technology Project (2012 - 2013)



Project Introduction

Quantify the science benefits of GRACE-II mission comprised of multiple pairs of smallsats using realistic expected performance of smallsats and a miniaturized laser ranging system.

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ NASA Headquarters(HQ)	Lead Organization	NASA Center	Washington, District of Columbia

Primary U.S. Work Locations

Colorado



Project Image GRACE-II Small Satellite Study

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Organizational Responsibility

Responsible Mission Directorate:

Science Mission Directorate (SMD)

Lead Center / Facility:

NASA Headquarters (HQ)

Responsible Program:

Earth Science

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Images



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Project Image GRACE-II Small Satellite Study
(<https://techport.nasa.gov/image/1707>)



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Project Image GRACE-II Small Satellite Study
(<https://techport.nasa.gov/image/1708>)

Project Management

Program Director:

George J Komar

Project Manager:

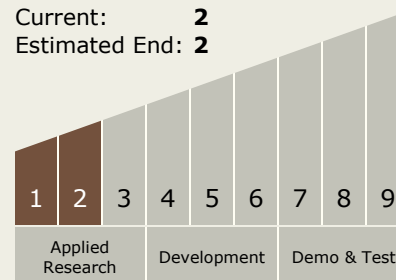
Parminder S Ghuman

Principal Investigator:

Michelle Stephens

Technology Maturity (TRL)

Start: **1**
Current: **2**
Estimated End: **2**



Technology Areas

Primary:

- TX08 Sensors and Instruments
 - └ TX08.1 Remote Sensing Instruments/Sensors
 - └ TX08.1.4 Microwave, Millimeter-, and Submillimeter-Waves

Target Destination

Earth